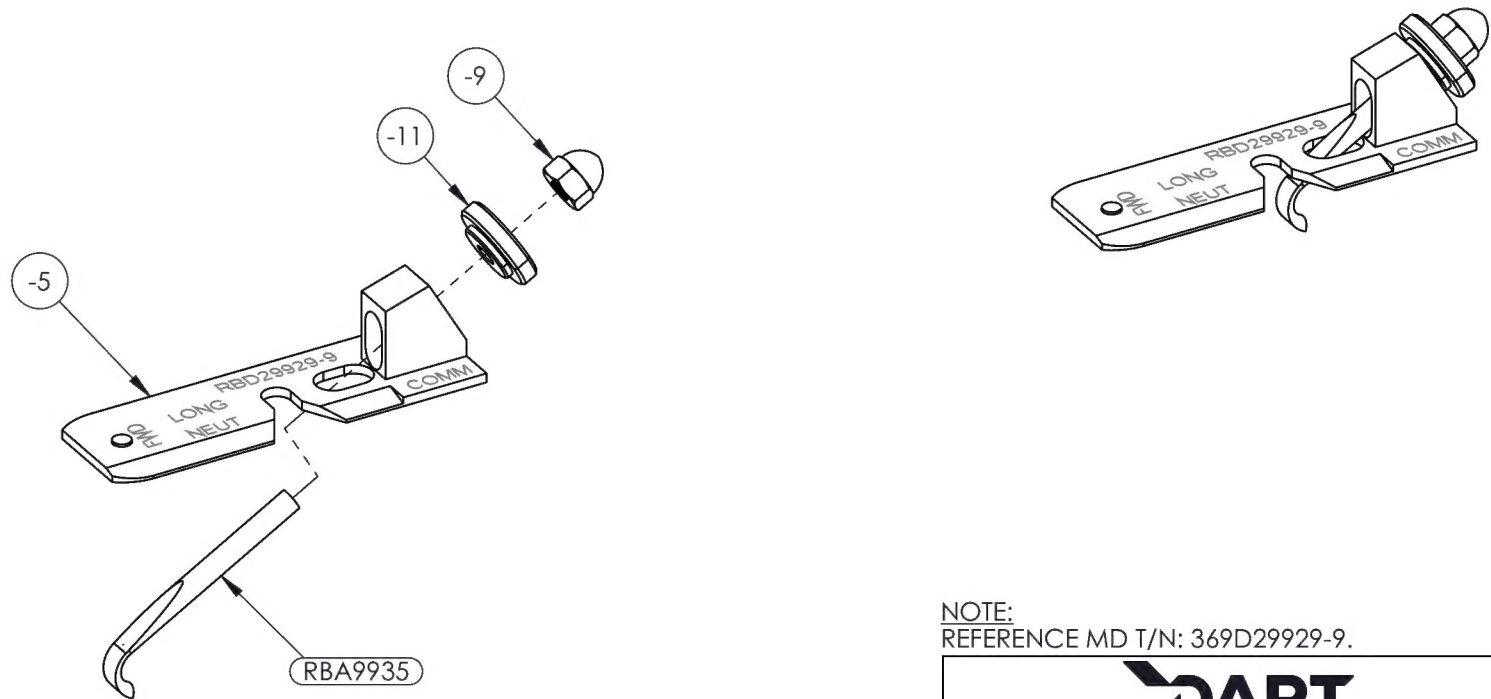


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| REVISIONS |         |   |            |         |          |
|-----------|---------|---|------------|---------|----------|
| REV       | ECR     | DESCRIPTION   | DATE       | INITIAL | APPROVED |
| 1         |         | CH'D BUTTON, BUTTON NOW WELDED, RIVET ELIMINATED.   | 4/29/2002  |         |          |
| 2         |         | GRIND ON BUTTON WELD ELIMINATED.  | 11/26/2002 |         |          |
| 3         |         | MATERIAL CHANGE TO STAINLESS STEEL; -1 PLATE, -3 LUG, -7 BUTTON.  | 11/26/2002 |         |          |
| 3A        |         | CH'D TITLEBLOCK & REVISION BLOCK, CH'D REVISIONS TO NUMERICAL, ADDED DRAW BOLT, THUMB NUT, & ACORN NUT TO ASSEMBLY VIEW, CH'D ENGRAVE NOTE P/N -1, ADDED NOTE TO REMOVE WELD MARKS.   | 12/8/2009  | RJC     | RW       |
| 4         | 16-0226 | UPDATED TO NEW STANDARD. ADDED DASH NUMBERS TO B/O PARTS. ADDED OEM REF. ADDED MDExplorer, MD600 TO USED ON MODELS. -1 DELETED FIXTURE HOLE, DELETED DIM .50. ADDED DIMS .78, 3X .50, .188, .906, 2X FULL R. CH'D DIMS WAS 30° IS 2X 30°. WAS Ø.161 THRU ALL IS Ø.161 +.005-.000 THRU ALL. ADDED ENGRAVE AS SHOWN NOTE. -3 CH'D DIMS WAS .750 IS .73, WAS .375 IS .38, ADDED DIMS 17°, (.496), (.260). -5 ADDED WELDMENT. -7 CH'D DIMS WAS .300 IS .30, WAS Ø.156 IS Ø.156 +.000-.005. -9 ADDED B/O REF #91855A460. | 11/18/2016 | DPD     | JAG      |



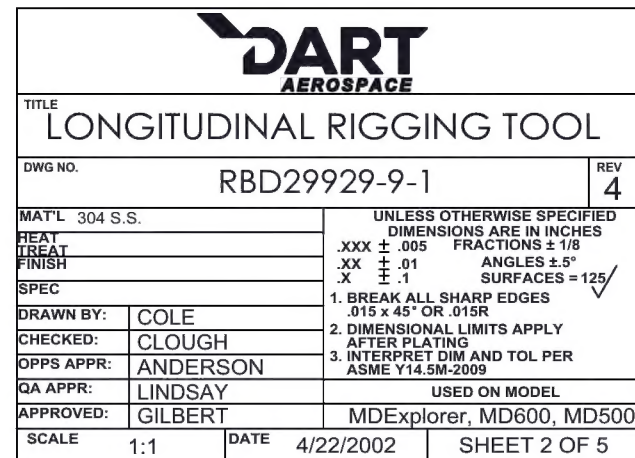
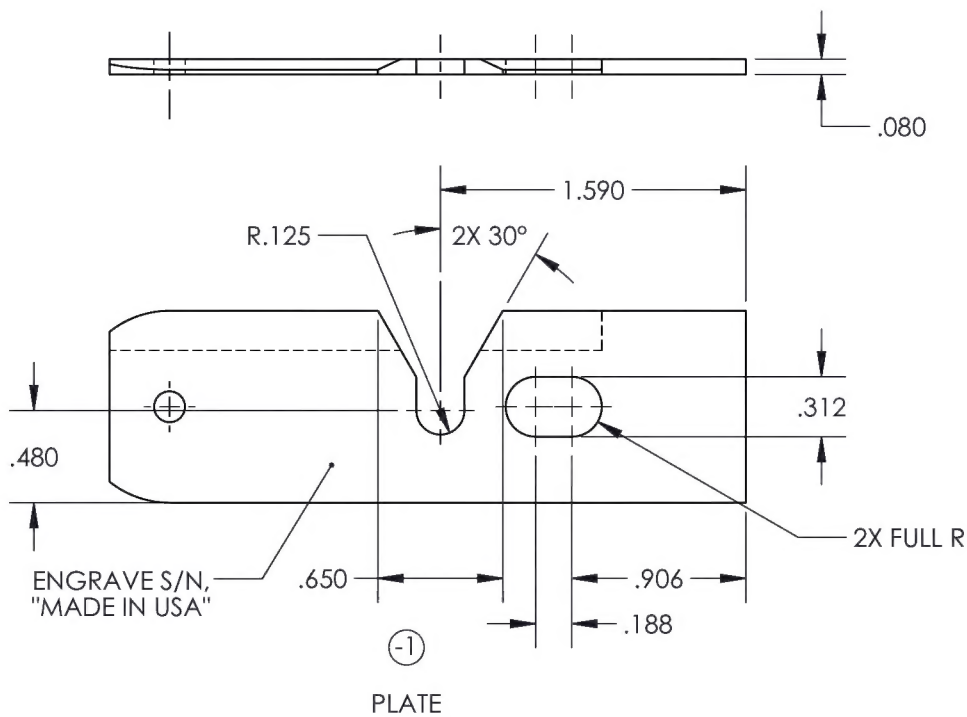
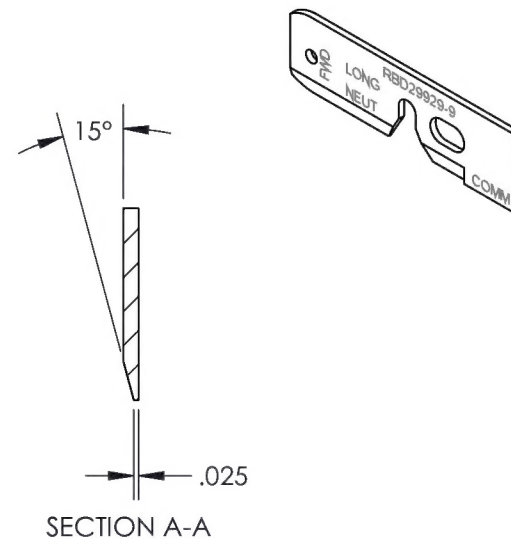
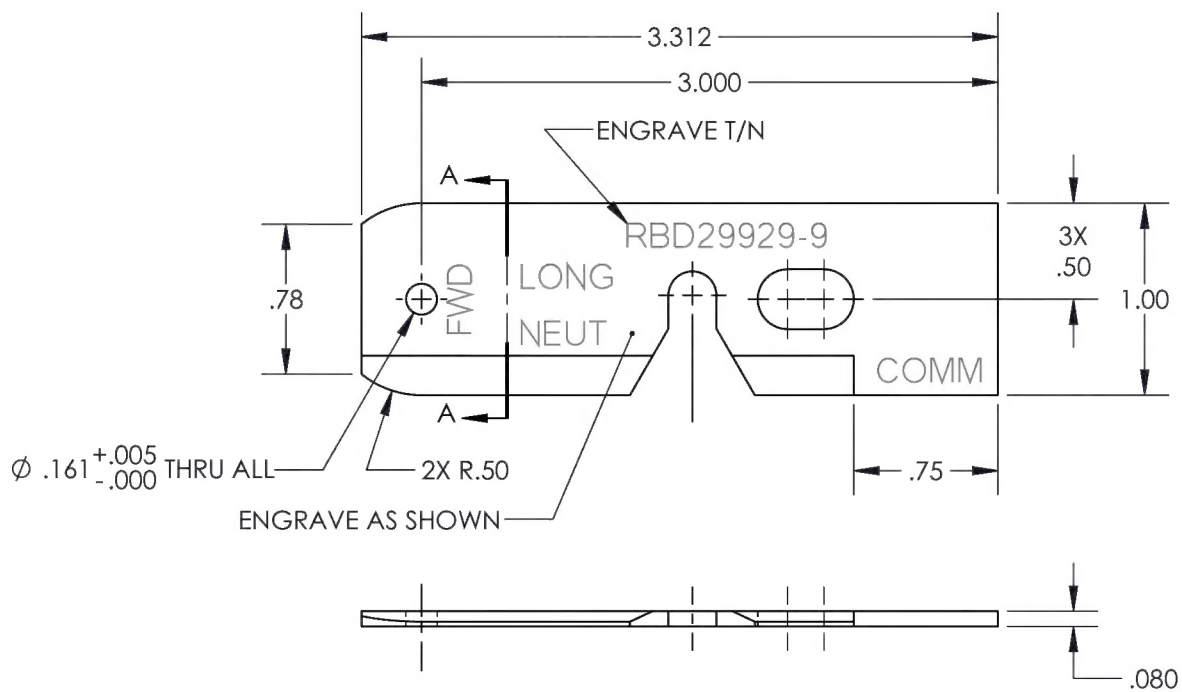
NOTE:  
REFERENCE MD T/N: 369D29929-9.

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description    | Material | B/O INFORMATION OR SPECIFICATIONS                   | PG. |
|----------|----------|-----|--------|----------|----------------|----------|---|-----|
|          |          |     |        | 1        | DRAW BOLT      |          | RBA9935   | 1   |
|          | 1        |     | -1     |          | PLATE          | 304 S.S. |   | 2   |
|          | 1        |     | -3     |          | LUG            | 304 S.S. |   | 3   |
|          | X        |     | -5     | 1        | PLATE WELDMENT |          |   | 4   |
|          | 1        |     | -7     |          | BUTTON         | 304 S.S. |   | 5   |
|          |          | B/O | -9     | 1        | ACORN NUT      | S.S.     | 10-32 {MCMASTER-CARR #91855A460}                    | 1   |
|          |          | B/O | -11    | 1        | THUMB NUT      | STEEL    | 10-32, Ø.750 O.D. X .219 {ESSENTRA COMPONENTS #V-1} | 1   |
|          | ASSY -5  |     |        |          |                |          |   |     |

|   |                   |
|---|-------------------|
| <b>DART AEROSPACE</b>   |                   |
| TITLE<br><b>LONGITUDINAL RIGGING TOOL</b>   |                   |
| DWG NO.<br><b>RBD29929-9</b>  | REV<br><b>4</b>   |
| MAT'L<br>HEAT TREAT<br>FINISH<br>SPEC   |                   |
| DRAWN BY: COLE<br>CHECKED: CLOUGH<br>OPPTS APPR: ANDERSON<br>QA APPR: LINDSAY<br>APPROVED: GILBERT  |                   |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>.XXX ± .005 FRACTIONS ± 1/8<br>.XX ± .01 ANGLES ± .5°<br>.X ± .1 SURFACES = 125° ✓<br>1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R<br>2. DIMENSIONAL LIMITS APPLY AFTER PLATING<br>3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |                   |
| USED ON MODEL<br>MDExplorer, MD600, MD500   |                   |
| SCALE<br>2:3  | DATE<br>4/22/2002 |
| SHEET 1 OF 5  |                   |

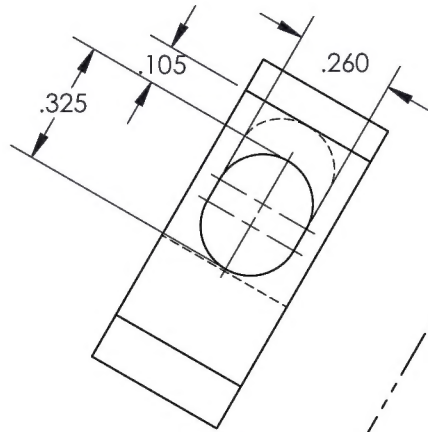
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| REVISIONS |         |   |            |         |          |
|-----------|---------|---|------------|---------|----------|
| REV       | ECR     | DESCRIPTION   | DATE       | INITIAL | APPROVED |
| 3A        |         | CH'D ENGRAVE NOTE P/N -1.   | 12/8/2009  | RJC     | RW       |
| 4         | 16-0226 | -1 DELETED FIXTURE HOLE. DELETED DIM .50, ADDED DIMS .78, 3X .50, .188, .906, 2X FULL R. CH'D DIMS WAS 30° IS 2X 30°, WAS Ø.161 THRU ALL IS Ø.161 +.005-.000 THRU ALL. ADDED ENGRAVE AS SHOWN NOTE. | 11/18/2016 | DPD     | JAG      |

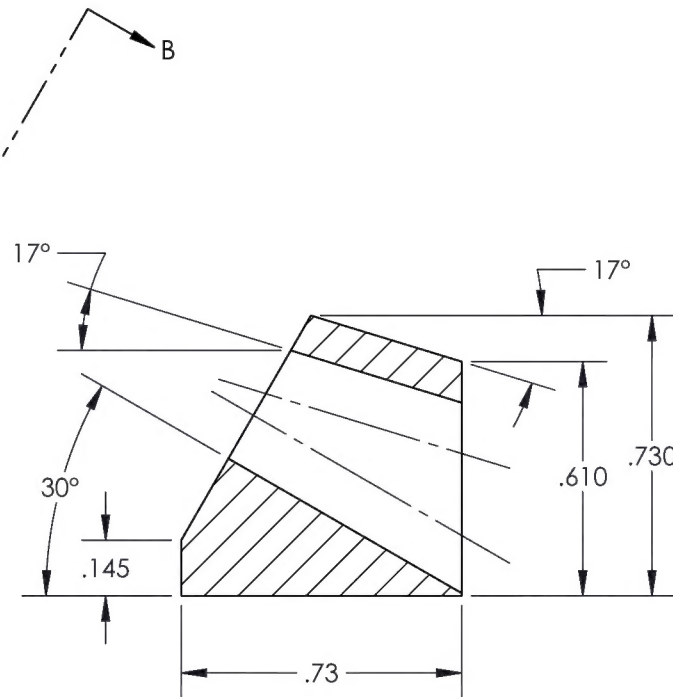


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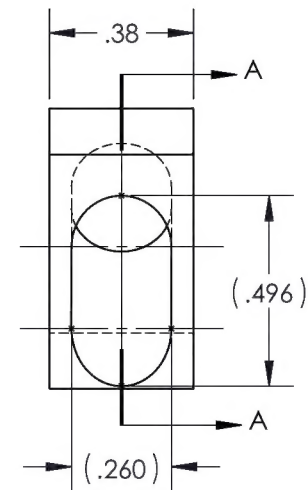
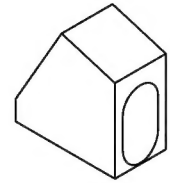
| REVISIONS |         |  |            |         |          |
|-----------|---------|--|------------|---------|----------|
| REV       | ECR     | DESCRIPTION  | DATE       | INITIAL | APPROVED |
| 3         | 16-0226 | -3 CH'D DIMS WAS .750 IS .73, WAS .375 IS .38. ADDED DIMS 17°, (.496), (.260). | 11/18/2016 | DPD     | JAG      |



VIEW B-B



SECTION A-A



(-3)

LUG



TITLE  
**LONGITUDINAL RIGGING TOOL**

DWG NO. **RBD29929-9-3**

REV  
**4**

MAT'L 304 S.S.

HEAT  
TREAT  
FINISH

SPEC

DRAWN BY:

COLE

CHECKED:

CLOUGH

OPPS APPR:

ANDERSON

QA APPR:

LINDSAY

APPROVED:

GILBERT

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/8

.XX ± .01 ANGLES ± .5°

.X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES

.015 x 45° OR .015R

2. DIMENSIONAL LIMITS APPLY

AFTER PLATING

3. INTERPRET DIM AND TOL PER

ASME Y14.5M-2009

USED ON MODEL

MDEXPLORER, MD600, MD500

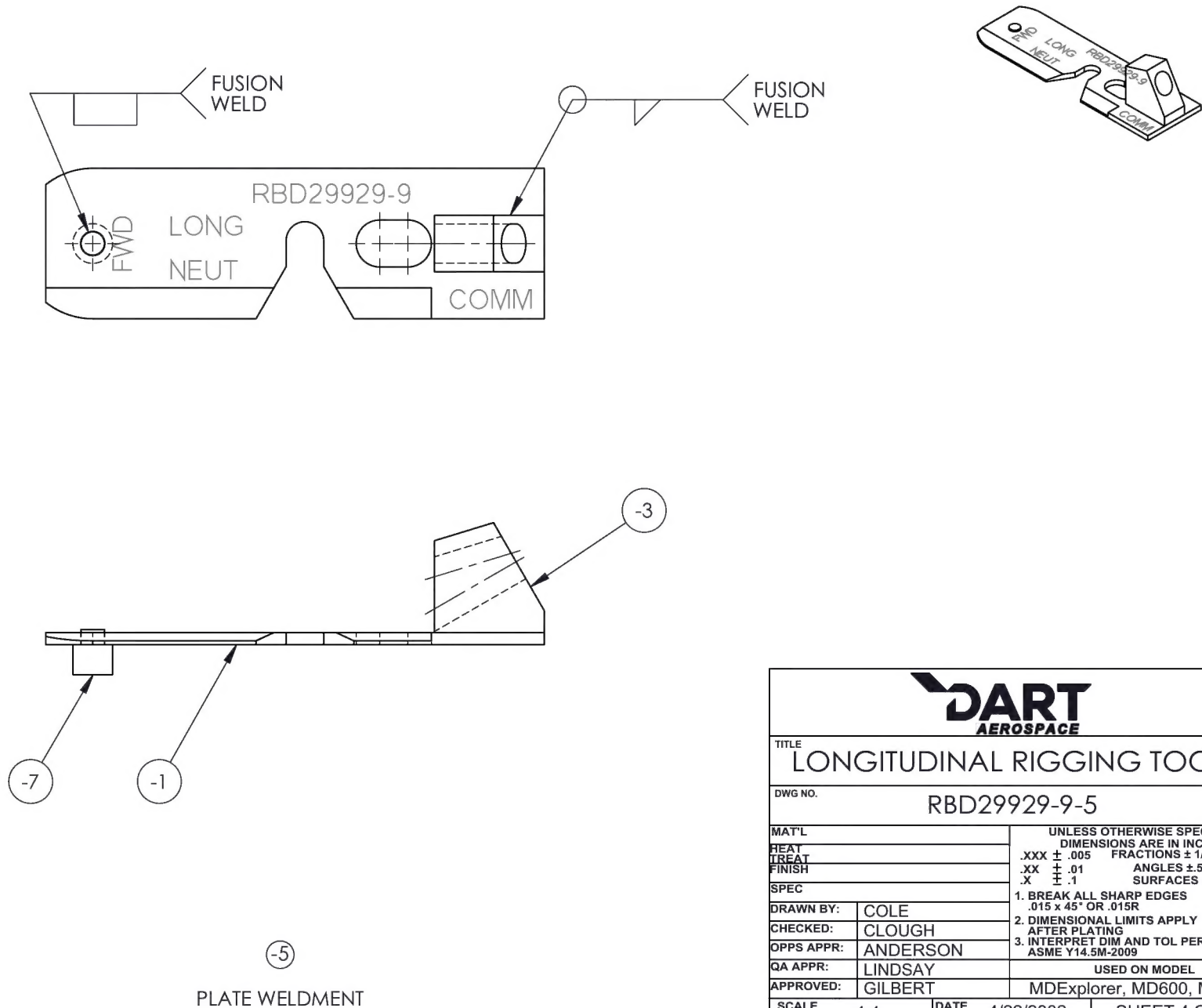
SCALE 2:1

DATE 4/22/2002

SHEET 3 OF 5

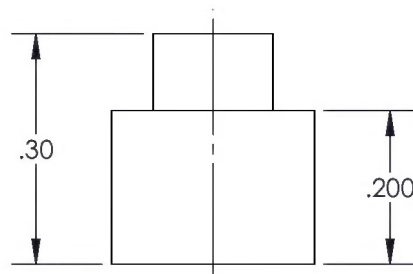
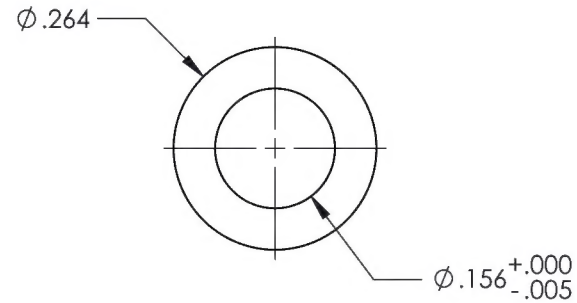
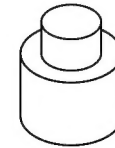
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| REVISIONS |         |                    |            |         |          |
|-----------|---------|--------------------|------------|---------|----------|
| REV       | ECR     | DESCRIPTION        | DATE       | INITIAL | APPROVED |
| 3         | 16-0226 | -5 ADDED WELDMENT. | 11/18/2016 | DPD     | JAG      |



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| REVISIONS |         |  |            |         |          |
|-----------|---------|--|------------|---------|----------|
| REV       | ECR     | DESCRIPTION  | DATE       | INITIAL | APPROVED |
| 1         |         | CHANGED BUTTON, BUTTON NOW WELDED, RIVET ELIMINATED.         | 4/29/2002  |         |          |
| 4         | 16-0226 | -7 CH'D DIMS WAS .300 IS .30. WAS Ø.156 IS Ø.156 +.000-.005. | 11/21/2016 | DPD     | JAG      |



(-7)

BUTTON

|   |                              |
|---|------------------------------|
| <b>DART</b><br>AEROSPACE                  |                              |
| TITLE<br><b>LONGITUDINAL RIGGING TOOL</b> |                              |
| DWG NO.<br><b>RBD29929-9-7</b>            | REV<br><b>4</b>              |
| MAT'L 304 S.S.                            | UNLESS OTHERWISE SPECIFIED   |
| HEAT TREAT                                | DIMENSIONS ARE IN INCHES     |
| FINISH                                    | .XXX ± .005 FRACTIONS ± 1/8  |
| SPEC                                      | .XX ± .01 ANGLES ± .5°       |
|   | .X ± .1 SURFACES = 125° ✓    |
| DRAWN BY: COLE                            | 1. BREAK ALL SHARP EDGES     |
| CHECKED: CLOUGH                           | .015 x 45° OR .015R          |
| OPPS APPR: ANDERSON                       | 2. DIMENSIONAL LIMITS APPLY  |
| QA APPR: LINDSAY                          | AFTER PLATING                |
| APPROVED: GILBERT                         | 3. INTERPRET DIM AND TOL PER |
|   | ASME Y14.5M-2009             |
| SCALE 4:1                                 | DATE 4/22/2002               |
|   | SHEET 5 OF 5                 |